



Lake Bronson Watershed Runoff Reduction - Phase II



Clean Water Funds: 2012

| | |
|----------------------|-----------|
| Clean Water Grant | \$100,000 |
| Leveraged Funds* | \$50,000 |
| Total Project Budget | \$150,000 |

* Leveraged Funds include

Targeted Water:

Lake Bronson and upland tributaries State Ditch 90, 91, 95

Project Sponsor:

Two Rivers Watershed District

Grant Period:

January 2012—December 2014

Project Contact:

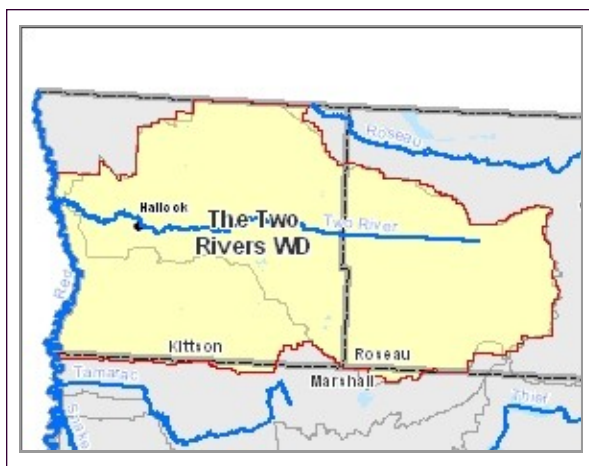
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C12-32 - Clean Water Assistance

Project Narrative

Lake Bronson State Park is one of only a handful of state parks in the Northwest corner of Minnesota. The "Friends of the Lake Bronson State Park" met with Watershed District staff to explore how to improve the water quality of the lake. The lake is subject to sediment and nutrient loading from several upstream ditches. A significant algae bloom during July of each year, at the height of the seasonal use of the lake, is most likely due to the current inflow conditions.



This project is a continuation of a 2011 Clean Water Fund project and will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative conservation practices. Emphasis will be placed on the South Branch of Two Rivers, which feeds Lake Bronson.

Proposed Outcomes:

Installation of 200 acres of riparian buffers/
grass filter strips

Proposed Reductions: 12,848 lbs/year Phosphorus

Actual Outcomes:

Project in Progress



Grass Filter Strip Needed Along a Perennial Flowing Ditch

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Location of Lake Bronson Watershed Runoff Reduction Project

